

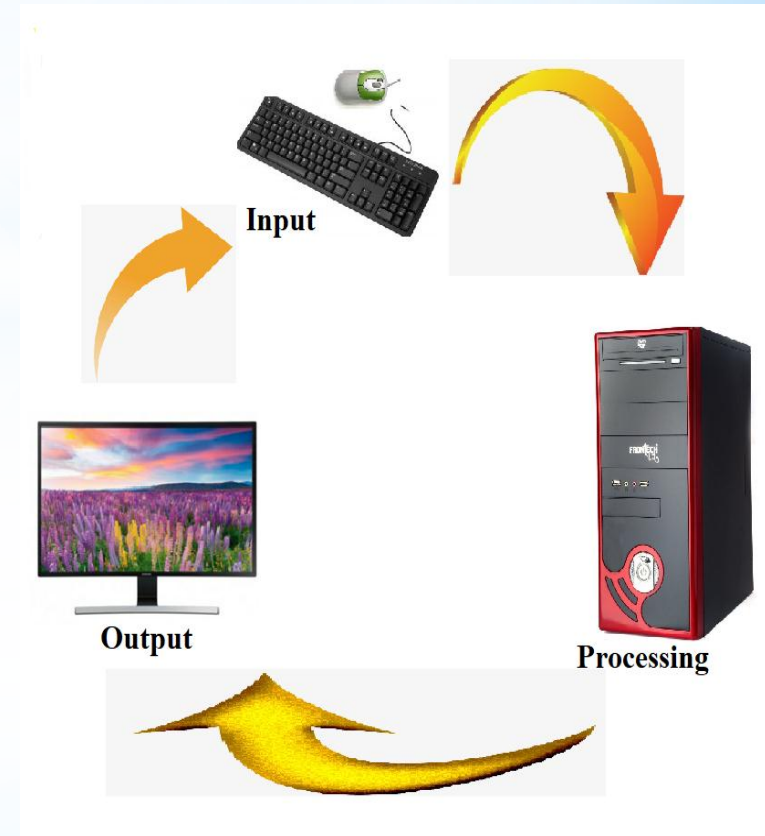
GRADE: IV

SUBJECT: Computer Science

READING SECTION:

Chapter 1 : Computer Fundamentals

- ❖ A computer is an electronic device that can accept data, process data and produce information.
- ❖ Computer is used in schools, colleges, airport, hotels, business, industry etc.
- ❖ A set of instructions given to computer for performing tasks is known as a program.
- ❖ A computer is a programmable machine. It can be programmed to perform various tasks like preparing documents, spreadsheets, presentations, composing music, etc.



COMPUTER: AN ELECTRONIC DEVICE

DATA

PROCESSING

INFORMATION

**Collection,
checking
and preparation of
raw data**

**By computer
storing data for
future usage**

**Process and
Organized
Data**

Working Principle of a Computer

Computer performs tasks in three steps in order to produce information.



Step 1: Takes data and instructions from you

Step 2: Treats the data according to instructions

Step 3: Gives the result i.e. information to you

Input and Input Devices

The data and instructions fed to the computer are known as **Input**. The device used to input data and instructions is known as input device. We generally use keyboard and mouse for to input. Some other input devices are scanner, joystick, microphone, digital camera, light pen, etc.



Mouse



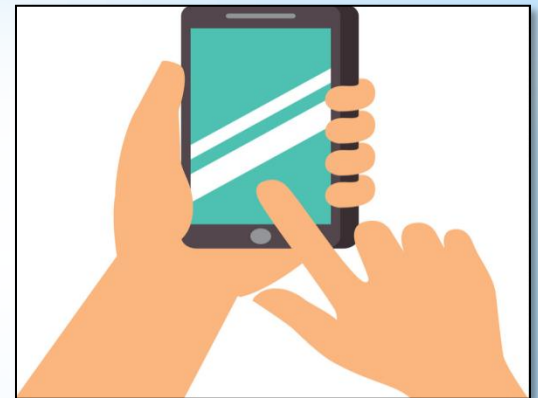
Keyboard



Joy stick



Microphone



Touchscreen

Processing and Processing Device

The treating data according to instructions is known as **Processing**. CPU is the part where data is treated (i.e. processed). When the data is treated or processed you will get information.

The result produced by the computer is known as **Output or Information**. Monitor and Printer are commonly used output devices to display output. The information can be stored in the storage device for the future usages.

Pr

Central Processing Unit (CPU)



Output and Output Devices

The result produced by the computer is known as **Output or Information**. Monitor and Printer are commonly used output devices to display output. The information can be stored in the storage device for the future usages.

Pr

MONITOR



PROJECTOR



SPEAKER



PRINTER



ACTIVITY SECTION

1. Answer the following questions;

- a. What is a computer?
- b. List the working steps of computer.
- c. What is a program?
- d. Define input, processing and output.

2. List the following;

- a. Any three areas where computers are used
- b. Any three uses of computer
- c. Any three input devices
- d. Any three output devices

QUIZ QUESTIONS:

- is an electronic device that process data, converting it into information
 - Computer
 - processor
 - case
- Who is the father of computer?
 - Edward Babbage
 - Charles Babbage
 - Georgiana Babbage
- Which among following is not an input device?
 - Mouse
 - Keyboard
 - Printer
- What is the brain of computer?
 - Monitor
 - CPU
 - Keyboard
- Which of these is Output Device?
 - Monitor
 - Keyboard
 - scanner
- What is the full-form of RAM?
 - Read Only Memory
 - Random Access Memory
 - Read And Memroy
- The process of transferring files from the internet to your computer is called.
 - File Transfer Protocol
 - Downloading
 - Uploading

8. Which device is used to take print on paper?

- a. Keyboard b. Printer c. Monitor

9. Which device display pictures on its screen?

- a. Joystick b. Mouse c. Monitor

10. Which device allows users to type documents?

- a. Joystick b. Monitor c. Keyboard

Contact Person

Name: Ms. Reena Yadav

Phone No.: 9843715431

Email: yadavreena703@gmail.com